

INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/EP 02/14482

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01R13/70 H01R13/514 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01R H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 959 992 A (LE PENNEC JEAN-FRANCOIS ET AL) 28 September 1999 (1999-09-28) abstract; figures 1-3, 18, 20 column 20, line 58 - column 21, line 65 column 28, line 38 - line 57 column 29, line 36 - column 30, line 20 ---	1-3, 6-9, 11-14
Y	US 4 718 858 A (GODFREY RICHARD J ET AL) 12 January 1988 (1988-01-12) abstract; figures 3, 7, 9 column 1, line 6 - column 2, line 23 column 10, line 41 - column 11, line 23 ---	1-3, 7, 11, 12
Y	US 2002/065935 A1 (LIN DAVID ET AL) 30 May 2002 (2002-05-30) cited in the application abstract; figures 1, 3 page 4, paragraph 44 - page 5, paragraph 61 ---	1-3, 7, 11, 12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

4 September 2003

Date of mailing of the international search report

12/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Serrano Funcia, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2001/030855 A1 (GREEN ERIC T ET AL) 18 October 2001 (2001-10-18) abstract; figures 1-3 page 2, paragraph 22 -page 4, paragraph 39 -----</p>	4-6

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International Application No

PCT/EP 02/14482

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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US 4718858	A	12-01-1988	DE 3720099 A1 FR 2607280 A1 GB 2193049 A JP 1681073 C JP 3047760 B JP 63239899 A	17-12-1987 27-05-1988 27-01-1988 31-07-1992 22-07-1991 05-10-1988
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US 2001030855	A1	18-10-2001	WO 0013054 A1	09-03-2000